

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1.-7. **(cancelled)**

8. **(currently amended)** A method of screening whether an agent, conjugate or conjugate moiety is a substrate of a transporter, comprising:

providing a cell expressing a nucleic acid ~~as defined by claim 4~~ having a sequence that is at least 80% identical to a polynucleotide sequence as set forth in SEQ ID NO:1 over a region of at least 100 nucleotides in length when compared using the BLASTN algorithm with a wordlength (W) of 11, M=5, and N=-4, to produce a transporter encoded by the nucleic acid in an outer membrane of the cell, wherein the transporter has the transporter activity of the transporter encoded by SEQ ID NO:1;

contacting the cell with an agent, conjugate moiety or conjugate; and
determining whether the agent, conjugate moiety or conjugate passes through the transporter.

9. **(currently amended)** The method of claim ~~8~~ 7, wherein the transporter encoded by the nucleic acid has the sequence of SEQ. ID NO: 2.

10. **(original)** The method of claim 9, wherein the cell is a Chinese hamster ovary cell, a human embryonic kidney cell or an oocyte.

11.-21. **(cancelled)**

22. **(currently amended)** A method of screening agents, conjugates or conjugate moieties for capacity to be substrates for a transporter, comprising providing a cell expressing a transporter comprising ~~the~~ an amino acid sequence at least 80% identical to an

amino acid sequence as set forth in SEQ ID NO:2 over a region at least 40 amino acids in length when compared using the BLASTP algorithm with a wordlength(W) of 3, and the BLOSUM62 scoring matrix, wherein the transporter has the transporter activity of the transporter of SEQ ID NO:2, the transporter being situated in the plasma membrane of the cell;

contacting the cell with an agent, conjugate or conjugate moiety; and determining whether the agent, conjugate or conjugate moiety passes through the plasma membrane via the transporter.

23.-28. (cancelled)

29 **(new)** The method of claim 8, wherein the isolated nucleic acid hybridizes to SEQ ID NO:1 under conditions of high stringency including 50% formamide, 5X SSC, 5X Denhardt's solution, 10 mM sodium phosphate, pH 6.5, 100 µg/ml salmon sperm DNA and at 42°C.

30. **(new)** The method of claim 8, wherein the isolated nucleic acid has the sequence of SEQ ID NO:1.

31. **(new)** The method of claim 22, wherein the amino acid sequence is 100% identical to SEQ ID NO:2.

32. **(new)** The method of claim 22, wherein the transporter specifically binds to an antibody that specifically binds to a polypeptide of SEQ ID NO:2.